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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO.: 19113-0083 19113.008343 APPLICANT: Thomas A. Dix | SERIAL NO. 09452,575 10/092,287 FILING DATE: 09/15/89 Concurrently |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | GROUP: Unassigned 1654 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|--------------|----------|--------------------|-------|----------|---|
| LL | AA | 3,178,472 | 04/13/65 | Hellerbach, et al | 260 | 518 | H-968 U.S. PTO 10/043581 01/10/02 |
| LL | AB | 3,303,213 | 02/07/67 | Kalopissis et al. | 260 | 534 | |
| LL | AC | 4,061,542 | 12/06/77 | Demmy et al. | 195 | 80 | |
| LL | AD | 4,801,577 | 01/31/89 | Nestor Jr., et al. | 514 | 15 | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|---------------|----------|----------------|-------|----------|----------------------------|
| LL | AL | EP 0326766 A1 | 08/09/89 | Gerhart et al. | | | Translation Yes |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| | AQ | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| LL | AR | Lindeberg, et al, Solid Phase Synthesis And Some Hormonal Activities Of 1-Deamino-4-L-Valine-8-D-Homolysine- And 1-Deamino-4-L-Valine-8-D-Homoarginine-Vasopressin, Int. J. Peptide Protein Res. 10, 240-244, 1977. | | | | | |
| LL | AS | Moore, et al., Effect of the basic amino-acid side chain length and the penultimate residue on the hydrolysis of benzoyldipeptides by carboxypeptidase B ⁺ , Can. J. Biochem, 56, 315-318, 1978. | | | | | |
| LL | AT | Nestor, et al., Potent, Long-Acting Luteinizing Hormone-Releasing Hormone Antagonists Containing New Synthetic Amino Acids: N,N -Dialkyl-D-homoarginines ⁺ , J. Med. Chem, 31, 65-72, 1988. | | | | | |
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EXAMINER: Lamar Lee DATE CONSIDERED: 4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTORNEY DOCKET NO.: 19113.0083U3
SERIAL NO. 10/043,581

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

Dix)

Serial No.: 10/043,581)

Filed: January 10, 2002)

For: "POSITIVELY CHARGED NON-NATURAL)
AMINO ACIDS, METHODS OF MAKING)
AND USING THEREOF IN PEPTIDES ")

1654
Group Art Unit: ~~XXXX~~

Leary
Examiner: ~~XXXX~~

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

April 5, 2002

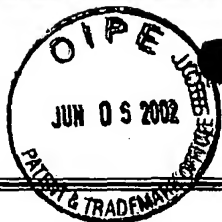
Sir:

Applicant hereby advises the Patent Office of the Applicant's co-pending U.S. patent application number 10/092,287, filed March 6, 2002 (Attorney Docket No. 19113.0083U4). A copy of the application is enclosed.

Consideration of the application and making the same of record in the prosecution of the above-noted application are respectfully requested.

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Date: 4/04



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ATTORNEY DOCKET NO. 19113.0083U3
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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE | | ATTORNEY DOCKET NO.: 19113.0083U3 | | SERIAL NO. 10/043,581 | | | |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT: Thomas A. Dix | | | | | |
| | | FILING DATE: January 10, 2002 | | GROUP: 1654 1654 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIALS | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| LL | B1 | 5,494,898 | 02/27/96 | Cheng <i>et al.</i> | 514 | 18 | |
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| LL | B2 ✓ | DE 19933701 A1 ✓ | 01/25/01 | Wilhelm <i>et al.</i> (Germany) | — | — | |
| LL | B3 | WO 98/48826 ✓ | 11/05/98 | Silverman <i>et al.</i> (PCT) | — | — | |
| LL | B4 | WO 94/28921 ✓ | 12/22/94 | Jaynes <i>et al.</i> (PCT) | — | — | |
| LL | B5 | WO 94/25477 ✓ | 11/10/94 | Nielsen <i>et al.</i> (PCT) | — | — | |
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| LL | B9 | Chebotareva <i>et al.</i> Lipoic Acid (6,8-Dithiooctanic Acid) - (II) Synthesis of Benzhydrylammonium Salts of DL-, Alpha-Lipoyl-L-Phenylalanine, -L-Methionine, and -L-Valine. <i>Chemical Abstracts Service</i> , Database Accession No. CA62:7859a/AN, CAOLD, XP002194817, 62(7) (1965) | | | | | |
| LL | B10 | Havinga and Schattenkerk. Studies on Polypeptides—V ¹ : Properties of the Arginyl Residue of Des-Asp ¹ -Ile ⁵ -Angiotensin II Essential to Pressor Activity. <i>Tetrahedron</i> , 8(Part I):313-319 (1966) | | | | | |
| LL | B11 | Hempel and Lange. Synthese Tritium-markierter, N-methylierter Lysine. <i>Hoppe-Seyler's Z. Physiol. Chem.</i> , 350:867-876 (1969) | | | | | |
| LL | B12 | Kataoka. N ^ω -Dimethyl- or N ^ω -trimethyl-2, ω-diaminocarboxylic acids. <i>6001 Chemical Abstracts</i> , XP002194816, 69(25) (1968) | | | | | |
| LL | B13 | Kennedy <i>et al.</i> Asymmetric Synthesis of Non-Natural Homologues of Lysine. <i>Bioorganic & Medicinal Chem. Ltrs.</i> , 7(14):1937-1940 (1997) | | | | | |
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| LL | B17 | Porcelli <i>et al.</i> A Kinetic Analysis of γ-Aminobutyrate Aminotransferase in Presence and Absence of Inhibitors. <i>Ber. Bunsenges. Phys. Chem.</i> , 100(5):671-679 (1996) | | | | | |

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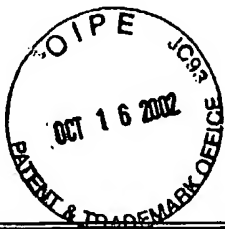
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| LL | B19 | Tsuzuki et al. Synthesis of [$^2\text{H}_9$]- and [$^2\text{H}_8$]-Lysines. <i>J. Chem. Res.</i> , S:412-413 (1996) |
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| EXAMINER: <u>L. C. Lee</u> | | DATE CONSIDERED: <u>4/04</u> |
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| LL | C1 | Martin Jr. et al, "Chapter 3 - Amino Acids & Peptides," <i>Harper's Review of Biochemistry</i> , Twentieth Edition, pp. 18-19 (1985) | | | | | |
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| EXAMINER: <i>Laura Lee</i> | | | | DATE CONSIDERED: 4/04 | | | |
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